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| Atty.<br>Dkt. No. | M#      | Client Ref.    |
|                   | 0306244 | T2HK-03S0074-1 |

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

|                                  |                         |
|----------------------------------|-------------------------|
| Applicant: YUTAKA OKAMOTO et al. |                         |
| Appln. No.: UNASSIGNED           |                         |
| Filing Date: October 6, 2003     |                         |
| Examiner: UNKNOWN                | Group Art Unit: UNKNOWN |

Date: October 6, 2003 Page 1 of 1

**U.S. PATENT DOCUMENTS**

| Examiner's<br>Initials* | Document<br>Number | Date<br>MM/YYYY | Name<br>(Family Name of First Inventor) | Class | Sub<br>Class | Filing<br>Date<br>(if appropriate) |
|-------------------------|--------------------|-----------------|---|-------|--------------|------------------------------------|
| BD                      | AR 5,341,249       | 08/1994         | Abbott et al.                           |       |              |                                    |
| BD                      | BR 6,108,388       | 08/2000         | Douillard et al.                        |       |              |                                    |
| BD                      | CR 6,249,398 B1    | 06/2001         | Fisher et al.                           |       |              |                                    |
|                         | DR                 |                 |   |       |              |                                    |
|                         | ER                 |                 |   |       |              |                                    |
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|                         | GR                 |                 |   |       |              |                                    |
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|                         | IR                 |                 |   |       |              |                                    |
|                         | JR                 |                 |   |       |              |                                    |
|                         | KR                 |                 |   |       |              |                                    |
|                         | LR                 |                 |   |       |              |                                    |

**FOREIGN PATENT DOCUMENTS**

|    |    | Document<br>Number | Date<br>MM/YYYY | Country | Inventor Name |  | Abstract |    | Readily<br>Available |    |
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|    |    |                    |                 |         |               |  | Enclosed | No | Enclose              | No |
| BD | MR | 2001-344903        | 12/2001         | Japan   | KATO et al.   |  | X        |    |                      | X  |
|    | NR |                    |                 |         |               |  |          |    |                      |    |
|    | OR |                    |                 |         |               |  |          |    |                      |    |
|    | PR |                    |                 |         |               |  |          |    |                      |    |
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|    | RR |                    |                 |         |               |  |          |    |                      |    |

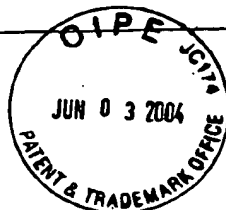
**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

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| BD | TR | Yeo et al., "VLSI Architectures for Iterative Decoders in Magnetic Recording Channels," IEEE Transactions of Magnetics, Vol. 37, No. 2, March 2001, Pages 748-755                                |  |  |  |
| BD | UR | Isaka et al., "A tutorial on "parallel concatenated (Turbo) coding," "Turbo (iterative) decoding" and related topics," The Institute of Electronics, Technical Report of IEICE, 1998, pages 1-18 |  |  |  |
|    | VR |  |  |  |  |
|    | WR |  |  |  |  |
|    | XR |  |  |  |  |

Examiner /Betsy Deppe/ Date Considered: 12/09/2006

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)  
To: U.S. Department of Commerce  
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Patent and Trademark Office



Atty.  
Okt. No.

M#

Client Ref.

0306244

T2HK-03S0074-1

Applicant: YUTAKA OKAMOTO, et al.

Appln. No.: 10/679,150

Filing Date: October 6, 2003

Examiner: UNKNOWN

Group Art Unit: 2631

Date: June 3, 2004

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| Examiner's<br>Initials* | Document<br>Number | Date<br>MM/YYYY | Name<br>(Family Name of First Inventor) | Class | Sub<br>Class | Filing<br>Date<br>(if appropriate) |
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| BD                      | AR 5,768,320       | 06/1998         | KOVACS et al.                           |       |              |                                    |
|                         | BR                 |                 |   |       |              |                                    |
|                         | CR                 |                 |   |       |              |                                    |
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|                         | JR                 |                 |   |       |              |                                    |
|                         | KR                 |                 |   |       |              |                                    |
|                         | LR                 |                 |   |       |              |                                    |
|                         | MR                 |                 |   |       |              |                                    |
|                         | NR                 |                 |   |       |              |                                    |

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|    |    | Document<br>Number | Date<br>MM/YYYY | Country | Inventor Name | English<br>Abstract |    | Translation<br>Readily<br>Available |    |
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|    |    |                    |                 |         |               | Enclosed            | No | Enclose                             | No |
| BD | OR | 1 081 868 A2       | 03/2001         | Europe  | ASHLEY et al. | X                   |    | X                                   |    |
|    | PR |                    |                 |         |               |                     |    |                                     |    |
|    | QR |                    |                 |         |               |                     |    |                                     |    |
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|    | TR |                    |                 |         |               |                     |    |                                     |    |
|    | UR |                    |                 |         |               |                     |    |                                     |    |
|    | VR |                    |                 |         |               |                     |    |                                     |    |
|    | WR |                    |                 |         |               |                     |    |                                     |    |

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| BD | XR  | Search and Examination Reports, mailed February 16, 2004, from the Australian Patent Office for Patent Application No. SG 200305558-9 | X |  | X |  |
|    | YR  |   |   |  |   |  |
|    | ZR  |   |   |  |   |  |
|    | AAR |   |   |  |   |  |
|    | BBR |   |   |  |   |  |

Examiner /Betsy Deppe/

Date Considered: 12/09/2006

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FORM PTO-1449 (modified)  
To: U.S. Department of Commerce  
(PW FORM PAT-1449)  
Patent and Trademark Office

Atty.  
Dkt. No.

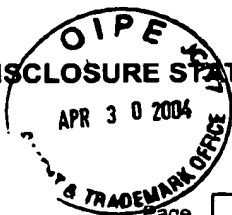
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0306244

T2HK-03S0074-1

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT



Applicant: YUTAKA OKAMOTO, et al.

Appln. No.: 10/679,150

Filing Date: October 6, 2003

Examiner: UNKNOWN

Group Art Unit: 2631

Date: April 30, 2004

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| Examiner's<br>Initials* | Document<br>Number | Date<br>MM/YYYY | Name<br>(Family Name of First Inventor) | Class | Sub<br>Class | Filing<br>Date<br>(if appropriate) |
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|                         | BR 5,243,471       | 09/1993         | SHINN                                   |       |              |                                    |
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|                         | ER 6,023,783       | 02/2000         | DIVSALAR et al.                         |       |              |                                    |
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|                         | GR 6,334,197 B1    | 12/2001         | EROZ et al.                             |       |              |                                    |
|                         | HR 2003/0161062 A1 | 08/2003         | AKAMATSU                                |       |              |                                    |
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|                         | LR                 |                 |   |       |              |                                    |
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|                         | NR                 |                 |   |       |              |                                    |

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|    | Document<br>Number | Date<br>MM/YYYY | Country | Inventor Name | English<br>Abstract |    | Translation<br>Readily<br>Available |    |
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|    |                    |                 |         |               | Enclosed            | No | Enclose                             | No |
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|    | TR                 |                 |         |               |                     |    |                                     |    |
|    | UR                 |                 |         |               |                     |    |                                     |    |
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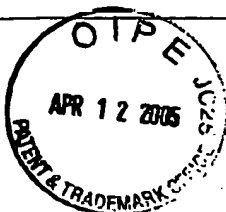
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|    | YR  |   |  |  |  |  |
|    | ZR  |   |  |  |  |  |
|    | AAR |   |  |  |  |  |
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Examiner /Betsy Deppe/

Date Considered: 12/09/2006

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Atty.  
Dkt. No.

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Client Ref.

0306244

T2HK-03S0074-1

Applicant: OKAMOTO, et al.

Appln. No.: 10/679,150

Filing Date: October 6, 2003

Examiner: Unassigned

Group Art Unit: 2631

Date: April 12, 2005

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

## U.S. PATENT DOCUMENTS

| Examiner's<br>Initials* |    | Document<br>Number | Date<br>MM/YYYY | Name<br>(Family Name of First Inventor) | Class | Sub<br>Class | Filing<br>Date<br>(if appropriate) |
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## FOREIGN PATENT DOCUMENTS

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|                          |    | Document Number | Date MM/YYYY | Country | Inventor Name |  | Enclosed         | No | Enclose                       | No |
| BD                       | OR | JP 5-128742     | 06/2002      | Japan   | MASAAKI       |  | x                |    |                               |    |
|                          | PR |                 |              |         |               |  |                  |    |                               |    |
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|  | DDR |  |  |  |  |  |  |  |  |  |

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